

PCT09

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/936,019

DATE: 10/04/2001  
 TIME: 14:53:34

Input Set : A:\ES.txt  
 Output Set: N:\CRF3\10042001\I936019.raw

3 <110> APPLICANT: Witcher, Derrick  
 4 Rathnachalam, Radhakrishnan  
 5 Micanovic, Radmila  
 7 <120> TITLE OF INVENTION: Protease Resistant FLINT Analogs  
 9 <130> FILE REFERENCE: X-13161  
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/936,019  
 C--> 12 <141> CURRENT FILING DATE: 2001-09-07  
 14 <160> NUMBER OF SEQ ID NOS: 8  
 16 <170> SOFTWARE: PatentIn Ver. 2.0  
 18 <210> SEQ ID NO: 1  
 19 <211> LENGTH: 271  
 20 <212> TYPE: PRT  
 21 <213> ORGANISM: Homo sapiens  
 23 <400> SEQUENCE: 1  
 25 Val Ala Glu Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu  
 26 1 5 10 15  
 28 Arg Leu Val Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro  
 29 20 25 30  
 31 Cys Arg Arg Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro Arg His  
 32 35 40 45  
 34 Tyr Thr Gln Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val  
 35 50 55 60  
 37 Leu Cys Gly Glu Arg Glu Glu Ala Arg Ala Cys His Ala Thr His  
 38 65 70 75 80  
 40 Asn Arg Ala Cys Arg Cys Arg Thr Gly Phe Phe Ala His Ala Gly Phe  
 41 85 90 95  
 43 Cys Leu Glu His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro  
 44 100 105 110  
 46 Gly Thr Pro Ser Gln Asn Thr Gln Cys Gln Pro Cys Pro Pro Gly Thr  
 47 115 120 125  
 49 Phe Ser Ala Ser Ser Ser Ser Ser Glu Gln Cys Gln Pro His Arg Asn  
 50 130 135 140  
 52 Cys Thr Ala Leu Gly Leu Ala Leu Asn Val Pro Gly Ser Ser Ser His  
 53 145 150 155 160  
 55 Asp Thr Leu Cys Thr Ser Cys Thr Gly Phe Pro Leu Ser Thr Arg Val  
 56 165 170 175  
 58 Pro Gly Ala Glu Glu Cys Glu Arg Ala Val Ile Asp Phe Val Ala Phe  
 59 180 185 190  
 61 Gln Asp Ile Ser Ile Lys Arg Leu Gln Arg Leu Leu Gln Ala Leu Glu  
 62 195 200 205  
 64 Ala Pro Glu Gly Trp Gly Pro Thr Pro Arg Ala Gly Arg Ala Ala Leu  
 65 210 215 220  
 67 Gln Leu Lys Leu Arg Arg Arg Leu Thr Glu Leu Leu Gly Ala Gln Asp  
 68 225 230 235 240  
 70 Gly Ala Leu Leu Val Arg Leu Leu Gln Ala Leu Arg Val Ala Arg Met  
 71 245 250 255  
 73 Pro Gly Leu Glu Arg Ser Val Arg Glu Arg Phe Leu Pro Val His

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74          260          265          270
77 <210> SEQ ID NO: 2
78 <211> LENGTH: 813
79 <212> TYPE: DNA
80 <213> ORGANISM: Homo sapiens
82 <400> SEQUENCE: 2
83 gtggcagaaa caccaccta cccctggcgg gacgcagaga caggggagcg gctggtgtgc 60
84 gcccagtgcc cccaggcac ctttgtgcag cgcccggtgcc gccgagacag cccacgacg 120
85 tgtggcccgt gtccaccgcg ccactacacg cagtctctgga actacctgga gcgctgccgc 180
86 tactgcaacg tcctctgcgg ggagcgtgag gaggaggcac gggcttgcca cgccaccac 240
87 aaccgtgcct gccgctgccg caccggcttc ttgcgcacg ctggtttctg cttggagcac 300
88 gcatcgtgtc cacctggtgc cggcgtgatt gccccgggca cccccagcca gaacacgcag 360
89 tgccagccgt gccccccagg caccttctca gccagcagct ccagctcaga gcagtgccag 420
90 cccacccgca actgcacggc cctgggcctg gccctcaatg tgccaggctc ttctcccat 480
91 gacaccctgt gcaccagctg cactggcttc cccctcagca ccagggtacc aggagctgag 540
92 gagtgtgagc gtgccgtcat cgactttgtg gctttccagg acatctccat caagaggctg 600
93 cagcggctgc tgcaggccct cgaggccccg gagggctggg gtccgacacc aagggcgggc 660
94 cgcgcggcct tgcagctgaa gctgcgtcgg cggctcacgg agctcctggg ggcgaggac 720
95 ggggcgctgc tggcgcggtc gctgcaggcg ctgcgcgtgg ccaggatgcc cgggctggag 780
96 cggagcgtcc gtgagcgctt cctccctgtg cac
97                                     813
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99 <211> LENGTH: 300
100 <212> TYPE: PRT
101 <213> ORGANISM: Homo sapiens
103 <400> SEQUENCE: 3
104 Met Arg Ala Leu Glu Gly Pro Gly Leu Ser Leu Leu Cys Leu Val Leu
105   1          5          10          15
107 Ala Leu Pro Ala Leu Leu Pro Val Pro Ala Val Arg Gly Val Ala Glu
108   20          25          30
110 Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu Arg Leu Val
111   35          40          45
113 Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro Cys Arg Arg
114   50          55          60
116 Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro Arg His Tyr Thr Gln
117   65          70          75          80
119 Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val Leu Cys Gly
120   85          90          95
122 Glu Arg Glu Glu Glu Ala Arg Ala Cys His Ala Thr His Asn Arg Ala
123   100         105         110
125 Cys Arg Cys Arg Thr Gly Phe Phe Ala His Ala Gly Phe Cys Leu Glu
126   115         120         125
128 His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro Gly Thr Pro
129   130         135         140
131 Ser Gln Asn Thr Gln Cys Gln Pro Cys Pro Pro Gly Thr Phe Ser Ala
132 145         150         155         160
134 Ser Ser Ser Ser Ser Glu Gln Cys Gln Pro His Arg Asn Cys Thr Ala
135   165         170         175
137 Leu Gly Leu Ala Leu Asn Val Pro Gly Ser Ser Ser His Asp Thr Leu
138   180         185         190

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140 Cys Thr Ser Cys Thr Gly Phe Pro Leu Ser Thr Arg Val Pro Gly Ala
141      195      200      205
143 Glu Glu Cys Glu Arg Ala Val Ile Asp Phe Val Ala Phe Gln Asp Ile
144      210      215      220
146 Ser Ile Lys Arg Leu Gln Arg Leu Leu Gln Ala Leu Glu Ala Pro Glu
147 225      230      235      240
149 Gly Trp Gly Pro Thr Pro Arg Ala Gly Arg Ala Ala Leu Gln Leu Lys
150      245      250      255
152 Leu Arg Arg Arg Leu Thr Glu Leu Leu Gly Ala Gln Asp Gly Ala Leu
153      260      265      270
155 Leu Val Arg Leu Leu Gln Ala Leu Arg Val Ala Arg Met Pro Gly Leu
156      275      280      285
158 Glu Arg Ser Val Arg Glu Arg Phe Leu Pro Val His
159      290      295      300

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161 <210> SEQ ID NO: 4

162 <211> LENGTH: 29

163 <212> TYPE: PRT

164 <213> ORGANISM: Homo sapiens

166 <400> SEQUENCE: 4

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167 Met Arg Ala Leu Glu Gly Pro Gly Leu Ser Leu Leu Cys Leu Val Leu
168 1      5      10      15

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170 Ala Leu Pro Ala Leu Leu Pro Val Pro Ala Val Arg Gly
171      20      25

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173 <210> SEQ ID NO: 5

174 <211> LENGTH: 39

175 <212> TYPE: DNA

176 <213> ORGANISM: Artificial Sequence

W--> 177 <220> FEATURE:

178 <223> OTHER INFORMATION: Description of Artificial Sequence: oligo primer

180 <400> SEQUENCE: 5

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181 gcaccagggt accaggagct gaggagtgtg agcgtgccg
182      39

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183 <210> SEQ ID NO: 6

184 <211> LENGTH: 44

185 <212> TYPE: DNA

186 <213> ORGANISM: Artificial Sequence

W--> 187 <220> FEATURE:

189 <223> OTHER INFORMATION: Description of Artificial Sequence: oligo primer

191 <400> SEQUENCE: 6

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192 tcagctgcaa ggcggcgcgcc cccgcttgtg gtgtcggacc ccag
193      44

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194 <210> SEQ ID NO: 7

195 <211> LENGTH: 44

196 <212> TYPE: DNA

197 <213> ORGANISM: Artificial Sequence

W--> 198 <220> FEATURE:

200 <223> OTHER INFORMATION: Description of Artificial Sequence: oligo primer

202 <400> SEQUENCE: 7

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203 ggggtccgac accacaagcg gggcgcgccg ccttgcagct gaag
204      44

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205 <210> SEQ ID NO: 8

206 <211> LENGTH: 43

RAW SEQUENCE LISTING  
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Input Set : A:\ES.txt  
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207 <212> TYPE: DNA  
208 <213> ORGANISM: Artificial Sequence  
W--> 209 <220> FEATURE:  
211 <223> OTHER INFORMATION: Description of Artificial Sequence: oligo primer  
213 <400> SEQUENCE: 8  
214 gcacagaatt catcagtgca cagggaggaa gcgctcacgg acg 43

## VERIFICATION SUMMARY

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TIME: 14:53:35

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L:11 M:270 C: Current Application Number differs, Replaced Application Number  
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:177 M:283 W: Missing Blank Line separator, <220> field identifier  
L:187 M:283 W: Missing Blank Line separator, <220> field identifier  
L:198 M:283 W: Missing Blank Line separator, <220> field identifier  
L:209 M:283 W: Missing Blank Line separator, <220> field identifier